



Substitute Form PTO-449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEDOCKET  
DOL11505 USS.N.  
10/591,374

## INFORMATION DISCLOSURE STATEMENT

APPLICANT  
Mark Franklin DavisFILING DATE  
August 31, 2006GROUP  
2615

## U.S. PATENT DOCUMENTS

*Exam. Initial	Cite No.	DOCUMENT NUMBER Number - Kind Code	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	FILING DATE
		US-2001/038643 A1	11/8/2001	McFarland, Andrew Kevin	1/29/2001
		US-2004/037421 A1	2/26/2004	Truman, Michael Mead	6/6/2003
		US-2006/0002572 A1	1/5/2006	Smithers, et al.	12/8/2000
		US-2001/0027393 A1	10/4/2001	Touimi, et al.	12/8/2000
		US-2004/0184537 A1	9/23/2004	Geiger, et al	8/7/2003
		US-2004/044525 A1	3/4/2004	Vinton, et al.	8/30/2002
		US-2005/0078840 A1	4/15/2005	Riedl, Steven E.	8/25/2003

## FOREIGN PATENT DOCUMENTS

*Exam. Initial	Cite No.	DOCUMENT NUMBER Number - Kind Code	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATI ON YES NO
		WO 99/29114	6/10/1999	AT&T Corp	
		WO 02/015587	02/21/2002	Watson, et al. w/attached ISR and Written Opinion	
		WO 04/111994	12/23/2004	Seefeldt, et al. w/attached ISR and Written Opinion	
		WO 06/006977	01/19/2006	Smithers, et al. w attached ISR and Written Opinion	
		WO 06/113047	10/26/2006	Crockett, et al. w/attached ISR and Written Opinion	
		WO 06/113062	10/26/2006	Brett G. Crockett w/attached ISR and Written Opinion	
		WO 04/073178	8/26/2004	Todd, et al.	

## NON-PATENT LITERATURE DOCUMENTS

*Exam. Initial	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TRANSLATION YES NO
		Brandenburg, K., "MP3 and AAC Explained," Proceedings of the International AES Conference, 1999, pp 99-110	
		Carroll, Tim, "Audio Metadata: You Can Get There from Here," October 11, 2004, pages 1-4, Retrieved from the Internet: <a href="http://tvtechnology.com/features/audio_notes/f-TC-metadta-8.21.02.shtml">URL:http://tvtechnology.com/features/audio_notes/f-TC-metadta-8.21.02.shtml</a>	
		Painter, T., et al., "Perceptual Coding of Digital Audio", Proceedings of the IEEE, New York, NY, Vol. 88, No. 4, April 2000, pp 451-513	
		Swanson, M. D., et al., "Multiresolution Video Watermarking Using Perceptual Models and Scene Segmentation," Proceedings of the International Conference on Image Processing, Santa Barbara, Ca, October 26-29-1997, Los Alamitos, CA IEEE Computer Society, US, Vol. 2, October 1997, pp 558-561	
		Todd, et al., "AC-3: Flexible Perceptual Coding for Audio Transmission and Storage," 96 <sup>th</sup> Convention of the Audio Engineering Society, Preprint 3796, February 1994, pp 1-16	
		Smith, et al., "Tandem-Free VoIP Conferencing: A Bridge to Next-Generation Networks," IEEE Communications Magazine, May 2003, pp 136-145	

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DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP; draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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## U.S. PATENT DOCUMENTS

*Exam. Initial	Cite No.	DOCUMENT NUMBER Number - Kind Code	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	FILING DATE
		US-6,430,533	8/6/2002	Kolluru, et al.	4/17/1998
		US-			
		US-			
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

*Exam. Initial	Cite No.	DOCUMENT NUMBER Number - Kind Code	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION YES NO

## NON-PATENT LITERATURE DOCUMENTS

*Exam. Initial	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TRANSLATION YES NO
		Riedmiller Jeffrey C., "Solving TV Loudness Problems Can You 'Accurately' Hear the Difference," Communications Technology, February 2004	
		Moore, B. C. J., et al., "A Model for the Prediction of Thresholds, Loudness and Partial Loudness," Journal of the Audio Engineering Society, New York, NY Vol. 45, No. 4, April 1, 1997, pp 224-240	
		Glasberg, B. R., et al., "A Model of Loudness Applicable to Time-Varying Sounds," Audio Engineering Society, New York, NY, Vol. 50, No. 5, May 2002, pp 331-342	
		Hauenstein, M., "A Computationally Efficient Algorithm for Calculating Loudness Patterns of Narrowband Speech," Acoustics, Speech and Signal Processing, 1997, IEEE International Conference, Munich, Germany, April 21-24, 1997, Los Alamitos, CA USE, IEEE Comput. Soc. US April 21, 1997, pp 1311-1314	
		Trappe, W., et al., "Key Distribution for Secure Multimedia Multicasts via Data Embedding," 2001 IEEE International Conferences on Acoustics, Speech and Signal Processing Proceedings, Salt Lake City UT, May 7-11, 2001 IEEE International Conference on Acoustics, Speech and Signal Processing, New York, NY, IEEE, US, Vol. 1 of 6, May 7, 2001, pp 1449-1452	
		Foti, Frank, "DTV Audio Processing: Exploring the New Frontier," OMNIA, November 1998, pp 1-3	

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